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(a) selecting a set of target radios from amongst the plurality of radios by a dynamic group call originator, the dynamic group call originator being a radio located in the radio communication system;

(b) transmitting a message from the dynamic group call originator to each of the set of target radios whose IP addresses match those radios selected in step (a); and

(c) causing the target radios and the dynamic group call originator to establish a dynamic talk group where the dynamic group call will take place.

2. (cancelled) A method as defined in claim 1, wherein the dynamic group call originator comprises a radio from amongst the plurality of radios located in the radio communication system.

3. (unchanged) A method as defined in claim 1, wherein the message transmitted to each of the target radios in step (b) comprises a packet data message.

4. (unchanged) A method as defined in claim 1, further comprising the further step of:

(d) transmitting an acknowledgment message to the dynamic group call originator from each of the target radios that successfully received the message transmitted in step (b).

5. (unchanged) A method as defined in claim 1, comprising the further step of:

(e) transmitting a dynamic talk group disconnect message by the dynamic group call originator to the target radios.

6. (unchanged) A method as defined in claim 5, comprising the further step of:
- (f) disconnecting the target radios from the dynamic group call in response to step (e).
7. (unchanged) A method as defined in claim 1, wherein at least one of the target radios in response to step (b) transmits a message to the dynamic group call originator informing it that it is not available to participate in the dynamic talk group.
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8. (Once Amended) A method for establishing a dynamic talk group in a radio communication system having a plurality of radios each having a unique Internet Protocol (IP) address, comprising the steps of:
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- (a) selecting a first target radio and a second target radio from amongst the plurality of radios by a dynamic group call originator, the dynamic group call originator being a communication device coupled to the radio communication system;
- (b) transmitting a first message including the first target radio's IP address from the dynamic group call originator to the first target radio and a second message including the second target radio's IP address from the dynamic group call originator to the second target radio; and
- (c) causing the first and second target radios and the dynamic group call originator to establish a dynamic talk group where a dynamic group call will take place once the dynamic group call originator has transmitted the first and second messages.
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9. (cancelled) A method as defined in claim 8, wherein the dynamic group call originator comprises a communication device coupled to the radio communication system.
10. (unchanged) A method as defined in claim 9, wherein the communication device comprises a computer coupled to the radio communication system via a communication network.
11. (unchanged) A method as defined in claim 8, wherein the dynamic group call originator comprises a radio amongst the plurality of radios located in the radio communication system.

12. (unchanged) A method as defined in claim 8, further comprising the step of:
(d) disconnecting the dynamic talk group.
13. (unchanged) A method as defined in claim 12, wherein step (d) is performed by the dynamic group call originator transmitting disconnect messages to each of the first and second target radios.
14. (unchanged) A method as defined in claim 12, wherein the radio communication system includes a system controller and step (d) comprises the system controller sending disconnect messages to each of the first and second target radios and the dynamic group call originator.
15. (unchanged) A method as defined in claim 14, wherein the system controller sends the disconnect messages when it determines that the dynamic group call has exceeded a predetermined period of time.
16. (unchanged) A method as defined in claim 14, wherein the system controller sends the disconnect messages when it determines that a predetermined period of time has elapsed without any communication activity occurring in the dynamic talk group.